

SEQUENCE LISTING

<110> American Home Products

<120> Beta-amyloid Peptide-Binding Proteins and Polynucleotides Encoding the Same

<130> AHP981261C1

<150> US 09/172,990

<151> 1998-10-14

<150> US 09/060,609

<151> 1998-04-15

<150> US 60/064,583

<151> 1997-04-16

<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(807)

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8

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5

10

15

cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt

6

Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly

20

25

30

ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc cc¹⁴ gtc ctg ggc

4

Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly

35

40

45

gga	ggc	gga	agc	gga	agt	ggc	gag	aaa	gtg	tcg	gtc	tcc	aag	atg	gcg	19
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Gly	Gly	Gly	Ser	Gly	Ser	Gly	Glu	Lys	Val	Ser	Val	Ser	Lys	Met	Ala	
50																
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60																
gcc	gcc	tgg	ccg	tct	ggt	ccg	tct	gct	ccg	gag	gcc	gtg	acg	gcc	aga	24
0																
Ala	Ala	Trp	Pro	Ser	Gly	Pro	Ser	Ala	Pro	Glu	Ala	Val	Thr	Ala	Arg	
65																
70																
75																
80																
ctc	gtt	ggt	gtc	ctg	tgg	ttc	gtc	tca	gtc	act	aca	gga	ccc	tgg	ggg	28
8																
Leu	Val	Gly	Val	Leu	Trp	Phe	Val	Ser	Val	Thr	Thr	Gly	Pro	Trp	Gly	
85																
90																
95																
gct	gtt	gcc	acc	tcc	gcc	ggg	ggc	gag	gag	tcg	ctt	aag	tgc	gag	gac	33
6																
Ala	Val	Ala	Thr	Ser	Ala	Gly	Gly	Glu	Glu	Ser	Leu	Lys	Cys	Glu	Asp	
100																
105																
110																
ctc	aaa	gtg	gga	caa	tat	att	tgt	aaa	gat	cca	aaa	ata	aat	gac	gct	38
4																
Leu	Lys	Val	Gly	Gln	Tyr	Ile	Cys	Lys	Asp	Pro	Lys	Ile	Asn	Asp	Ala	
115																
120																
125																
acg	caa	gaa	cca	gtt	aac	tgt	aca	aac	tac	aca	gct	cat	gtt	tcc	tgt	43
2																
Thr	Gln	Glu	Pro	Val	Asn	Cys	Thr	Asn	Tyr	Thr	Ala	His	Val	Ser	Cys	
130																
135																
140																
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0																
Phe	Pro	Ala	Pro	Asn	Ile	Thr	Cys	Lys	Asp	Ser	Ser	Gly	Asn	Glu	Thr	
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150																
155																
160																
cat	ttt	act	ggg	aac	gaa	gtt	ggt	ttt	ttc	aag	ccc	ata	tct	tgc	cga	52
8																

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg

165

170

175

aat gta aat ggc tat tcc tac aaa gtg gca gtc gca ttg tct ctt ttt
6

57

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe

180

185

190

ctt gga tgg ttg gga gca gat cga ttt tac ctt gga tac cct gct ttg
4

62

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu

195

200

205

ggt ttg tta aag ttt tgc act gta ggg ttt tgt gga att ggg agc cta
2

67

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu

210

215

220

att gat ttc att ctt att tca atg cag att gtt gga cct tca gat gga
0

72

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly

225 230 235 240

agt agt tac att ata gat tac tat gga acc aga ctt aca aga ctg agt
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76

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser

245

250

255

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Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro

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<212> PRT

<213> Homo sapiens

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Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
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Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
 35 40 45

Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
 50 55 60

Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
 65 70 75 80

Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
 85 90 95

Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
 100 105 110

Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
 115 120 125

Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
 130 135 140

Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
 145 150 155 160

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
 165 170 175

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
 180 185 190

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu

195 200 205

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
210 215 220

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
225 230 235 240

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
245 250 255

Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
260 265